

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: April 13, 2005

ATTY DOCKET NO.
2000_1524SERIAL NO.
09/705,844APPLICANT
Mitsuaki OSHIMAFILING DATE
November 6, 2000GROUP
2634

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

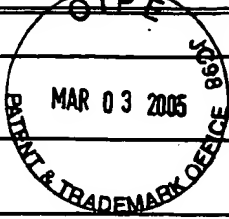
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AJ							
	AK							
	AL							
	AM							
	AN							

OTHER DOCUMENT(S) (including Author, Title, Date, Pertinent Pages, Etc.)

DA	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14
DA	AP	B. Hirosaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989
DA	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex

EXAMINER

DATE CONSIDERED

Sheet 1 of 2		INFORMATION DISCLOSURE STATEMENT					
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: March 3, 2005			ATTY DOCKET NO. 2000_1524		SERIAL NO. 09/705,844		
			APPLICANT Mitsuaki OSHIMA				
			FILING DATE November 6, 2000		GROUP 2634		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DH	AA	3,824,548	7-16-74	Sullivan et al.	—	—	—
	AB	3,959,726	5-25-76	Hinoshita et al.	—	—	—
	AC	4,303,939	12-1-81	Stephens et al.	—	—	—
	AD	4,303,941	12-1-81	Marti et al.	—	—	—
	AE	4,309,726	1-5-82	Tanaka et al.	—	—	—
	AF	4,535,352	8-85	Haskell	—	—	—
	AG	4,564,858	1-14-86	Resch	—	—	—
	AH	4,581,639	4-8-86	Judge	—	—	—
	AI	4,769,819	9-6-88	Matsutani et al.	—	—	—
	AJ	4,794,447	12-27-88	Tsinberg	—	—	—
	AK	4,800,426	1-24-89	Glenn	—	—	—
	AL	4,817,192	3-28-89	Phillips et al.	—	—	—
	AM	5,007,088	4-9-91	Ooi et al.	—	—	—
	AN	5,029,003	7-91	Jonnalagadda	—	—	—
DH	AO	5,134,464	7-28-92	Basile et al.	—	—	—
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DH	AP	5-327807	12-10-93	Japan	—	—	abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
DH	AQ	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991					
DH	AR	Ryutaro OHMOTO et al., "π/4-shift QPSK Subcarrier Transmission", 1991					
EXAMINER <i>D. Sullivan</i>				DATE CONSIDERED <i>08/04/05</i>			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

Sheet 2 of 2		INFORMATION DISCLOSURE STATEMENT					
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			FILING DATE November 6, 2000		GROUP 2634		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DH	AA	5,181,112	1-19-93	Citta et al.	_____	_____	_____
	AB	5,377,051	12-27-94	Lane et al.	_____	_____	_____
	AC	5,400,084	3-21-95	Scarpa	_____	_____	_____
	AD	5,576,902	11-19-96	Lane et al.	_____	_____	_____
	AE	5,218,622	6-8-93	Fazel et al.	_____	_____	_____
	AF	5,561,468	10-1-96	Bryan et al.	_____	_____	_____
DH	AG	5,598,220	1-97	Citta et al.	_____	_____	_____
	AH	5,802,241	9-1-98	Oshima	_____	_____	_____
	AI						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
DH	AJ	7-264148	10-13-95	Japan	_____	_____	abstract
DH	AK	7-322219	12-8-95	Japan	_____	_____	abstract
DH	AL	3-48587	3-1-91	Japan	_____	_____	abstract
	AM						
	AN						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AO						
	AP						
	AQ						
EXAMINER [Signature]			DATE CONSIDERED 08/08/05				

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